

BARNETT BATES ORSOGRIL®

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BuyLine 1141

ARCHITECTURAL STEEL FENCING, GATES, INFILL

Beauty, Style, Security. Outdoor and Indoor Solutions.



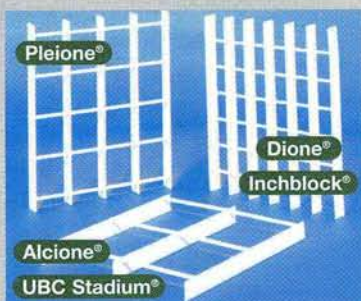
*"20-Year Warranty"
Powder Coat
Finish System*

BARNETT BATES ORSOGRIL®

ARCHITECTURAL FENCING, VISUAL SCREENING, INFILL, AND GATES

Page 3

5 Square Patterns



The design symmetry of a square grid is now available in five patterns.

- **Alcione®** largest grid pattern offers security/separation with minimal visual obstruction.
- **UBC Stadium®** next smaller grid, largest square pattern still in compliance with Universal Building Code safety requirements.
- **Pleione®** medium-size grid for strength and security.
- **Dione®** smaller-square offers added visual screening.
- **Inchblock®** smallest grid offers added screening for imaginative architectural applications.

Pages 4-5

2 Sight Blocking Louvers



Strong, attractive sheet metal louvers offer a subtle visual barrier with excellent air flow.

- **Talia-80®** blocks 80% of view.
- **Talia-100®** blocks 100% of view.

Pages 6-7

3 Rectangular Patterns



Select from three rectangular grid patterns. Each offers security/separation with strong vertical emphasis.

- **Sterope®** standard weight for fencing/gate wall opening infill/railing infill applications.
- **Britosterope®** heavier weight components for added security.
- **Danae®** smallest rectangular grid pattern adds design interest and added visual screening.



Ball State University, Muncie, IN (Alcione®, Pleione®, Sterope®)

CUSTOM FABRICATED • ALL STEEL

BarnettBates offers unique materials (featuring Orsogrill®) which enable the architect, designer and specifying engineer to provide security and a pleasing visual continuity to many architectural and general construction projects – industrial, commercial or residential. Useful for indoor as well as outdoor applications. Installation is simple and maintenance is virtually eliminated. Our design engineers work directly with you as you develop the spec. for an appropriate custom Orsogrill® modular system...complete with all fabricated components, and on-time shipped to the job site ready for fast and minimal cost installation/erection.

As your specified fabricator/manufacturer, we typically use drawings with your final approval to precisely custom fabricate and finish all components as easy-to-install modular systems. Our engineering staff is equipped to offer suggestions, quick sketches and other input as you develop the overall approach and focus-in on appropriate detail. Our objective is to assist you to provide your customer with the best possible solution.

The Orsogrill® material we use begins as large panels or mats. They are manufactured on machinery custom designed by Orsogrill®. The result is unusually flat and square panels with extremely high-quality "complete fusion" electro-forged welds of main bar and crossbar materials to provide maximum strength.

At BarnettBates, we use our time-tested personalized approach to your project. We do not suggest "standard" fence panel or gate infill sizes. In fact, virtually any size panel can be fabricated from these mats. We do not offer a general Engineering or Architectural "Binder". With a short telephone discussion and possibly an exchange of sketches, we operate on a direct and personal basis – yet with fast efficiency in order to meet your timing requirements. We care about the precise and appropriate design of your project including thoughtful development of proper panel and gate shapes and sizes, post construction technique, attachment design and other details.

"BB20" 20-Year Limited Warranty Powder Coat Finish System.

We believe this process to be by far the best in the industry... typically providing twice the warranty and often at less cost than the commonly used finishing steps of hot-dip galvanizing followed by powder color coating.

Please review the process summary on page 8.

Warranty details/limitations available upon request.

NOTE: Abbreviated material/finish spec. guideline is included on following pages for your convenience.

Downloads Now Available

Visit our website, click on "Downloads" to obtain...

- Pattern Details/Dimensions •
- Component Fabrication Typicals •
- CSI 3-Part Spec. Guideline •

FIVE SQUARE PATTERNS

Balance and symmetry. All square pattern BarnettBates Orsogril® architectural fencing/screening material offers a unique symmetry to enhance project continuity. All offer the strength and security of electro-forged fusion of main bar/crossbar with varying degrees of visual presence.

Applications. Design imagination assigns these finishing touch materials to a wide variety of interior and exterior applications. Specify for fencing, railing infills, computer rooms, air flow ceilings or possibly the subtle security solutions required for parking garages, sports stadiums and institutional facilities. BarnettBates will develop economical "custom modular components" to transform design challenge areas into signature accomplishments which offer long lasting beauty, functionality, and also all-important quick, easy and minimal cost installation.

Quotation/Specification Process

- Call BarnettBates Corp. (800-541-3912) to discuss project requirements.
- Provide fax copies of sketches, drawings as necessary, and/or direct us to source for obtaining drawings.
- We will offer to assist with ideas, sketches or other information, which may be helpful input as the project moves toward final decision-making.
- No charge samples are available for your analysis.
- We will provide specific, budget or estimated pricing at this stage or later as the project progresses.
- Typically, pricing includes drawings for customer approval prior to the start of fabrication.

BarnettBates Orsogril® "Quick-Spec." Guideline

Material: Custom fabricated BarnettBates Orsogril Pleione® (or other patterns) 800-541-3912.

Finish: to be "BB20" 20-Year Limited Warranty TGIC Polyester Powder Coat Finish System. (Sandblast/etch of all components followed by electrostatically applied and heat cured epoxy prime coat and polyester powder color coat.)



APWA Award Winner
"2003 Public Works Project of the Year"
Mississippi River Soo Line Bike Path Bridge,
Eau Claire, WI (Pleione®)



State Farm Headquarters,
Bloomington, IL (Pleione®)



Van Buren Rooftop, Chicago, IL (Alcione®)

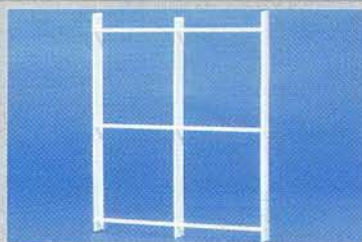
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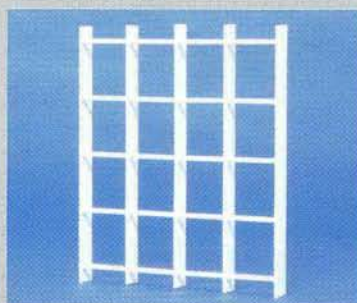
ALCIONE® 4 7/8" x 5 3/16" GRID (approx. grid pattern size)

UBC Stadium® 3 15/16" x 3 15/16" GRID (approx. grid pattern size)



Larger square designs offer security, minimal visual interference. NOTE: UBC Stadium® is largest available square pattern to comply with Universal Building Code safety requirements. Approx. 1" x 1/8" (25mm x 3mm) main bars, round crossbar.

PLEIONE® 2 7/16" x 2 5/8" GRID (approx. grid pattern size)



Mid-size square design offers strength and symmetry. Approx. 1" x 3/32" (25mm x 2.5mm) main bar, round crossbar.

DIONE® 1 21/32" x 1 3/4" GRID (approx. grid pattern size)

INCHBLOCK® 3 1/32" x 3 1/32" GRID (approx. grid pattern size)



Smaller square designs offer added visual screening, with minimal obstruction of air flow. Approx. 1" x 3/32" (25mm x 2mm) main bars, round crossbar.

TWO LOUVER PATTERNS



Harold Washington Child Care Center, Chicago, IL (Talia-80®)

A Unique Solution. BarnettBates Orsogril® Talia material is an extremely rigid sheet metal louver system. The raw material mat consists of formed 1/16" sheet steel louvers with a unique structural bending pattern which provides surprising rigidity. Louvers are backed by perpendicular round crossbars at 5-3/16" intervals. No standard panel sizes (as with all Orsogril® materials). Our design engineers work directly with you as you develop the spec. for an appropriate BarnettBates Orsogril® Talia® component system...complete with all fabricated components, and on-time shipped to the job site ready for fast and easy on-site installation/erection. Modular design assures uncomplicated and fast job site erection with a minimal labor requirement.

Applications. Use BarnettBates Orsogril® Talia louvers to attractively enclose all the unattractive project necessities – rooftop mechanical equipment, ground level generators, dumpster areas – and make these areas blend well and actually enhance the overall project design theme. And...there are many other applications for this unique material; sunscreens, smoking area enclosures, pool and yard fencing, machinery safety screens, parking garage security. Wherever attractive, color-coordinated security and/or visual screening are requisite design considerations, specify BarnettBates Orsogril® Talia®.

This material can be fabricated into just about any panel size or shape for hundreds of creative architectural uses—either horizontally or vertically, with or without tube framing, as fencing, infill in gates or as a handrail system component.



Stickney Township Health Center, Stickney, IL (Talia-80®)

BarnettBates Orsogril® "Quick-Spec." Guideline

Material: Custom fabricated BarnettBates Orsogril Talia-80® (or Talia-100®) 800-541-3912.

Finish: to be "BB20" 20-Year Limited Warranty TGIC Polyester Powder Coat Finish System. (Sandblast/etch of all components followed by electrostatically applied and heat cured epoxy prime coat and polyester powder color coat.)

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TALIA-80®

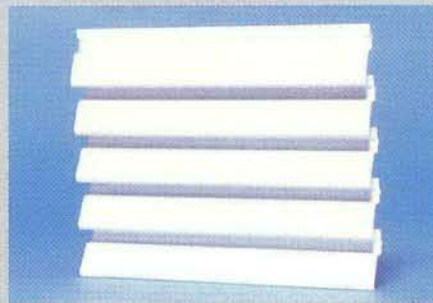
80% View Blocking Louver



Partial view blocking for maximum airflow provides discreet security/safety barrier. Approx. Louver thickness of 1/16" (2mm), round crossbar.

TALIA-100®

100% View Blocking Louver



Complete view blocking design with wide overlapping louvers for excellent air flow and maximum security. Approx. Louver thickness of 1/16" (2mm), round crossbar.



Quotation/Specification Process

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- We will offer to assist with ideas, sketches or other information, which may be helpful input as the project moves toward final decision-making.
- No charge samples are available for your analysis.
- We will provide specific, budget or estimated pricing at this stage or later as the project progresses.
- Typically, pricing includes drawings for specific customer approvals to begin fabrication.



Walgreen's Headquarters, Deerfield, IL (Talia-80®)



United States Air Force Academy – Officer's Club (Talia-80, hidden post design)

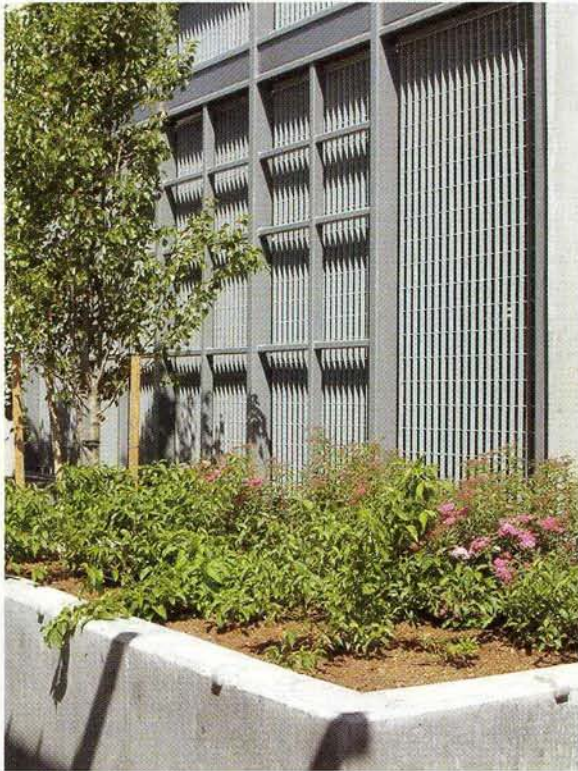
BARNETT BATES ORSOGRIL®

THREE RECTANGULAR PATTERNS

Classic rectangular appearance BarnettBates Orsogril® Sterope® and Danae® materials offer substantial security in classic rectangular pattern. Danae® offers closer spaced main bars which are half the width between main bars compared to Sterope®, same dimension between crossbars. Both styles offer the architect or project designer quality electro-forged fusion of main bar-to-crossbar and unlimited design flexibility with BarnettBates expert custom fabrication capabilities.



Indiana Pacers – Consecro Field House, Indianapolis, IN (Sterope®)



Parking garage, Renton, WA (Sterope®)

Applications The finest choice for corporate perimeter fencing, schools and universities, residential and hotel/motel pool enclosures, all types of gates, parking garage perimeter or infill, stair rail infill. Design note: this material generally does not require tube framing – the result can be a clean uninterrupted appearance and far lower cost installation/erection on site...with color coordinated to the overall project.



Ohio State University,
Columbus, OH
(Sterope®)

STEROPE® 2 7/16" x 5 3/16" GRID (approx. grid pattern size)



Standard rectangular design. Exterior or interior applications.
Approx. 1" x 1/8" (25mm x 2.5mm)
main bar, round crossbar.

DANAE® 1 21/32" x 5 3/16" GRID (approx. grid pattern size)



Smaller rectangular grid size for unique design applications and screening.
Approx. 1" x 3/32" (25mm x 2mm)
main bar, round crossbar.

BRITOSTEROPE® 2 7/16" x 5 3/16" GRID (approx. grid pattern size)



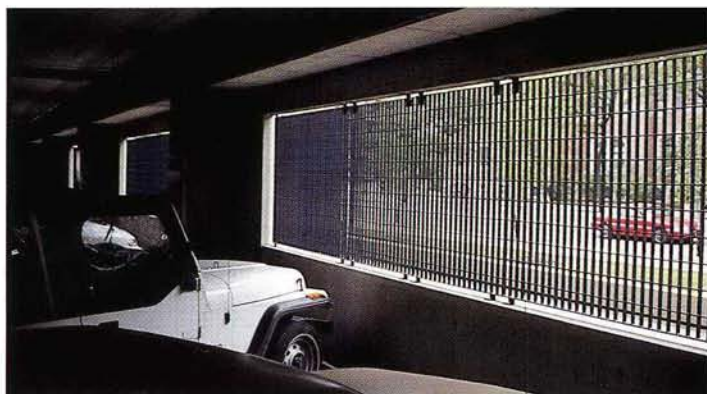
Heavier weight rectangular design. Added security – same look as Sterope®.
Approx. 1 3/16" x 5/32" (30mm x 4mm)
main bar, heavier round crossbar.



Residential Screen Wall

Quotation/Specification Process

- Call BarnettBates Corporation (800-541-3912) to discuss project requirements.
- Provide fax copies of sketches, drawings as necessary, and/or direct us to source for obtaining drawings.
- We will offer to assist with ideas, sketches or other information, which may be helpful input as the project moves toward final decision-making.
- No charge samples are available for your analysis.
- We will provide specific, budget or estimated pricing at this stage or later as the project progresses.
- Typically, pricing includes drawings for specific customer approvals to begin fabrication.



Cook County Hospital Parking Garage, Chicago, IL (Britosterope®)



Cook County Hospital Parking Garage, Chicago, IL (Britosterope®)

BarnettBates Orsogril® "Quick-Spec." Guideline

Material: Custom fabricated BarnettBates Orsogril Sterope® (or Danae®, Britosterope®) 800-541-3912.

Finish: to be "BB20" 20-Year Limited Warranty TGIC Polyester Powder Coat Finish System. (Sandblast/etch of all components followed by electrostatically applied and heat cured epoxy prime coat and polyester powder color coat.)

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GATES

Attractive gates to accommodate pedestrians or vehicles can be designed to feature any of the BarnettBates Orsogrill® patterns.



Large Sliding Security Gate - Power Substation (Talia-80®)



Mid-America Bank, Suburban Chicago, IL (Talia-100®)



Indiana University Law School, Bloomington, IN (Talia-100®)

BARNETT BATES

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FINISH PROCESSES

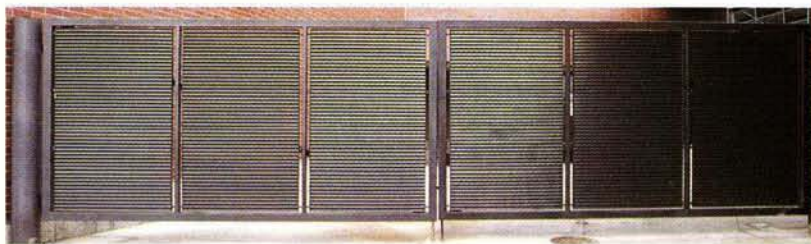
BarnettBates Orsogrill can supply all fabricated steel fencing and gates with a wide variety of finish systems ... ranging from a carefully applied primer (prepped for on-site painting) to our finest "BB-20" system.

Our recommendation:

The "BB-20" 20-year limited warranty TGIC polyester powder coat finish system described below. We believe this process to be the best in the industry... nearly double the industry standard warranty at the same price. Call for complete information and a quotation.

- 1) All fabricated product to be 100% sandblasted to white metal for removal of scale, oil and debris to create a minimum 1mil etching for proper adhesion.
- 2) Electrostatic application of DuPont Gray Morning epoxy powder primer with 375f. minimum 15 minute duration heat cure for maximum corrosion protection.
- 3) Immediate electrostatic application of DuPont TGIC polyester powder color coat while metal temperature is minimum of 300f. and heat cure for minimum 20 minutes at 400f.

This process provides an average of 7-10 mils total coating thickness. Coating withstands more than 6,000 hours salt spray. (Complete testing results available upon request).



Woodland Middle School, Suburban Chicago (Talia-100®)

COLOR RANGE

The following colors are available for all fabricated Steel components. Printed colors are approximate. Please call for no-charge standard color samples.

As added cost options we can match most any color, provide one of the hundreds of RAL colors and provide specialty powders which include metal flake and textured effects.

			
ALMOND PFT500S8	AERO YELLOW PFY601S9	RED BARON PFR400S9	BLUE STREAK II PFK604S9
			
EVERGREEN PFG500S9	SAFETY ORANGE PFS500S8	GRAY ASA-70 PFH502S8	BIKE BLACK PFB603S9
			
SKY WHITE PFW510S9	LUCY BROWN PFJ403S9	STATUARY BRONZE PFJ407A5	

NOTE: Print colors may vary from actual finish colors.